



Attorney's Docket No. 4304-062468

**AMENDMENT TRANSMITTAL LETTER**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application No.: 10/662,005 Filing Date: 09/12/2003

Examiner: Jerry E. Redman Art Unit: 3634

Invention: **"SELF-CORRECTING SENSOR FOR AN ENTRANCE"**

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Small Entity Status is/has been asserted for this application under 37 CFR 1.27.  
☐ A verified statement to establish small entity status under 37 CFR 1.27 is enclosed.  
☒ No additional fee is required.  
☐ The fee has been calculated as shown below:

	No. of Claims After Amendment	Highest No. Previously Paid For	Present Extra	Small Entity Rate	Non-Small Entity Rate	Charge
Total	<u>20</u>	<u>20</u>	<u>0</u>	x \$ 25.00	x \$ 50.00	\$ <u>0</u>
Indep.	<u>3</u>	<u>3</u>	<u>0</u>	x \$ 100.00	x \$ 200.00	\$ <u>0</u>
First Presentation of Multiple Dependent Claim/s				+ \$180.00	+ \$360.00	\$ <u>0</u>
<b>TOTAL ADDITIONAL FEE</b>						\$ <u>0</u>

- ☒ A check in the amount of \$1,020.00 is enclosed to cover the 37 C.F.R. § 1.28(c)(2) fee.  
☒ A check in the amount of \$120.00 is enclosed for a one month Petition for Extension of Time.  
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650. An original and two copies of this sheet are enclosed.  
☒ Any additional filing fees required under 37 CFR 1.16.  
☒ Any patent application processing fees under 37 CFR 1.17.

Date September 25, 2006

By Randall A. Notzen  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 25, 2006.

Deborah L. Hartmann  
(Name of Person Mailing Paper)

Deborah L. Hartmann 09/25/2006  
Signature Date

Practitioner's Docket No. \_\_\_\_\_

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

☒ In re application of: Gierl et al. Confirmation No.: 8610  
 Application No.: 101662,005 ~~Group No.~~ Art Unit: 3634  
 Filed: September 12, 2003 Examiner: Jerry E. Redman  
 For: Self-Correcting Sensor For An Entrance

☐ Patent No.\*:

Issued:

\*NOTE: Insert name of inventor(s) and title also for patent where notification is with respect to a maintenance fee payment, also insert application number and filing date, and add Box M. Fee to address.

**Commissioner for Patents****P.O. Box 1450****Alexandria, VA 22313-1450**

**NOTIFICATION OF ERROR IN PAYMENT OF FEE(S) AS A SMALL ENTITY**  
**(37 C.F.R. § 1.28(c))**

NOTE: 37 C.F.R. § 1.28(c): "(c) How errors in small entity status are excused. If status as a small entity is established in good faith, and fees as a small entity are paid in good faith, in any application or patent, and it is later discovered that such status as a small entity was established in error, or that through error the Office was not notified of a loss of entitlement to small entity status as required by § 1.27(g)(2), the error will be excused upon: compliance with the separate submission and itemization requirements of paragraphs (c)(1) and (c)(2) of this section, and the deficiency payment requirement of paragraph (c)(2) of this section."

NOTE: 37 C.F.R. § 1.28(c)(1): "Separate submission required for each application or patent. Any paper submitted under this paragraph must be limited to the deficiency payment (all fees paid in error), required by paragraph (c)(2) of this section, for one application or one patent. Where more than one application or patent is involved, separate submissions of deficiency payments (e.g., checks) and itemizations are required for each application or patent. See § 1.4(b)."

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is mandatory;  
 Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

☒ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**37 C.F.R. § 1.8(a)****37 C.F.R. § 1.10 \***☐ with sufficient postage as first class mail.☐ as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**☐ facsimile transmitted to the Patent and Trademark Office, (571) 273-8300.

Signature

(type or print name of person certifying)

Repln. Ref: 09/28/2006 6100061 0014115600  
 Date: 230650 Name/Number: 10662005  
 FC: 9204 \$210.00 CR

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

09/28/2006 6100061 0014115600  
 01 FC:1001  
 02 FC:1601  
 790.00 DP  
 790.00 DP

### Erroneous Filing of Small Entity Statement

1. On Sept. 12, 2003, a small entity assertion was erroneously filed in this  
☒ application  
☐ patent
2. This assertion of small entity status in this application and the payment of fee(s) as a small entity was/were made in good faith.

### ERROR

3. It has now been established that such status as a small entity was established in error in good faith as follows:

*(complete the the following applicable item)*

- ☐ Although applicant is a small entity, the small entity statement was, through error and in good faith, not signed by all persons or entities having an interest.
- ☐ Although applicant is a small entity, the small entity statement was, through error and in good faith, not signed by the proper authorized person.
- ☐ Applicant erroneously in good faith believed itself entitled to small entity status, and has now discovered that this is not so.
- ☒ Before the payment of the fee(s) listed below, a change occurred whereby small entity status could no longer be claimed for applicant and, through good faith error, the Office was not notified.
- ☐ Other

### Itemization of the Fee(s) Erroneously Paid as Small Entity

NOTE: 37 C.F.R. § 1.28(c)(2): "Payment of deficiency owed. The deficiency owed, resulting from the previous erroneous payment of small entity fees, must be paid.

(i) Calculation of the deficiency owed. The deficiency owed for each previous fee erroneously paid as a small entity is the difference between the current fee amount (for other than a small entity) on the date the deficiency is paid in full and the amount of the previous erroneous (small entity) fee payment. The total deficiency payment owed is the sum of the individual deficiency owed amounts for each fee amount previously erroneously paid as a small entity. Where a fee paid in error as a small entity was subject to a fee decrease between the time the fee was paid in error and the time the deficiency is paid in full, the deficiency owed is equal to the amount (previously) paid in error;

(ii) Itemization of the deficiency payment. An itemization of the total deficiency payment is required. The itemization must include the following information:

(A) Each particular type of fee that was erroneously paid as a small entity, (e.g., basic statutory filing fee, two-month extension of time fee) along with the current fee amount for a non-small entity;

(B) The small entity fee actually paid, and when. This will permit the Office to differentiate, for example, between two one-month extension of time fees erroneously paid as a small entity but on different dates;

(C) The deficiency owed amount (for each fee erroneously paid); and

(D) The total deficiency payment owed, which is the sum or total of the individual deficiency owed amounts set forth in paragraph (c)(2)(ii)(C) of this section."

NOTE: 37 C.F.R. § 1.28(c)(3): "Failure to comply with requirements. If the requirements of paragraphs (c)(1) and (c)(2) of this section are not complied with, such failure will either: be treated as an authorization for the Office to process the deficiency payment and charge the processing fee set forth in § 1.17(i), or result in a requirement for compliance within a one-month non-extendable time period under § 1.136(a) to avoid the return of the fee deficiency paper, at the option of the Office."

## 4. (complete the following applicable item(s))

<u>FEE(S) ERRONEOUSLY PAID AS A SMALL ENTITY</u>	<u>FEE ACTUALLY PAID AS A SMALL ENTITY</u>	<u>DEFICIENCY OWED*</u>
<input checked="" type="checkbox"/> Filing fee paid on <u>Sept. 12, 2003</u>	\$ <u>375<sup>00</sup></u>	\$ <u>(75<sup>00</sup>)</u>
<input type="checkbox"/> Fee for excess claims (over 20) paid on _____	\$ _____	\$ _____
<input type="checkbox"/> Fee for multiple claims paid on _____	\$ _____	\$ _____
<input checked="" type="checkbox"/> Search fee paid on <u>N/A</u>	\$ _____	\$ <u>500<sup>00</sup></u>
<input checked="" type="checkbox"/> Examination fee.	\$ _____	\$ <u>200<sup>00</sup></u>
<input type="checkbox"/> Extension of time fee paid on _____	\$ _____	\$ _____
<input type="checkbox"/> The issue fee paid on _____	\$ _____	\$ _____
<input type="checkbox"/> _____ maintenance fee (First, second or third) paid on _____	\$ _____	\$ _____
<input type="checkbox"/> Other: <u>RCE Fee</u> <u>paid on May 2, 2006</u>	\$ <u>395<sup>00</sup></u>	\$ <u>395<sup>00</sup></u>

**WARNING:** "The deficiency owed for each previous fee erroneously paid as a small entity is the difference between the current fee amount (for other than a small entity) on the date the deficiency is paid in full and the amount of the previous erroneous (small entity) fee payment. The total deficiency payment owed is the sum of the individual deficiency owed amounts for each fee amount previously erroneously paid as a small entity. Where a fee paid in error as a small entity was subject to a fee decrease between the time the fee was paid in error and the time the deficiency is paid in full, the deficiency owed is equal to the amount (previously) paid in error. . . ." 37 C.F.R. § 1.28(c)(2)(i).

**NOTE:** 37 C.F.R. § 1.28(b)(2): "The date when a deficiency payment is paid in full determines the amount of deficiency that is due pursuant to paragraph (c) of this section."

**Total deficiency owed \$** 1070<sup>00</sup>

**NOTE:** 37 C.F.R. 1.28(d): "Payment of deficiency operates as notification of loss of status. Any deficiency payment (based on a previous erroneous payment of a small entity fee) submitted under paragraph (c) will be treated under § 1.27(g)(2) as a notification of a loss of entitlement to small entity status."

Adjustment date: 09/28/2006 is SLUANG1  
05/04/2006 HNGUYEN1 00000037 10662005  
01 FC:2801 -395.00 DP

### Payment of Deficiency

5. The total deficiency owed is paid as follows:

- ☒ Attached is a ☒ check ☐ money order in the amount of \$ 1020<sup>00</sup>  
☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_  
☐ to Deposit Account No. \_\_\_\_\_  
☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should *not* be included on this form as it may become public.

- ☒ Charge any additional fees required by this paper or credit any overpayment to  
Deposit Account No. 23-0650  
A duplicate of this paper is attached.

Reg. No.: 36,882

Tel. No.: (412) 471-8815

Customer No.: 28289

  
SIGNATURE OF PRACTITIONER

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